

ABSTRACT

5 In order to more effectively use the constructional volume of a volume screw machine of rotary type, a plurality of sets (80, 70; 60, 50) of female elements having an inner screw surface and of male elements having an outer screw surface is provided, wherein in each set a rotary motion of at least one element is created. If the motion of elements in
10 different sets (80, 70; 60, 50) is synchronized, one can provide for a dynamically balanced machine.

Fig.1